

**ABSTRACT OF THE DISCLOSURE**

A composition of material used for making hfMLCIs having a sintering temperature below 1000°. The composition comprises a major component and a minor component, said major component being a general formula:  $Ba_3Co_{2-x-y}Zn_xCu_yMn_xFe_{24-z-w}O_{41}$ , wherein  $x, z, w, = 0 - 1.0$  and  $y = 0 - 0.8$ , and said minor component comprising at least one  
5 compound selected from the group of  $Bi_2O_3, V_2O_5, PbO, B_2O_3, LiF$  and  $CaF_2$ . HfMLCIs made from the composition of the present invention are capable of functioning in the frequency region of 300-800 MHz.